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PATENT  
ATTORNEY DOCKET NO.: MM1100-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: DeNise et al. Art Unit: 1637  
Application No.: 10/750,623 Examiner: David C. Thomas  
Filed: December 31, 2003 Conf. No.: 4066  
Title: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS

**Mail Stop: Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application please find:

1. Amendment in Response to Office Action mailed February 15, 2007 (12 pages); and
2. Return Receipt Postcard.

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, **March 15, 2007**, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Heather Gartrell*  
Heather Gartrell

March 15, 2007

In the Application of:

DeNise et al.

Application No.: 10/750,623

Filed: December 31, 2003

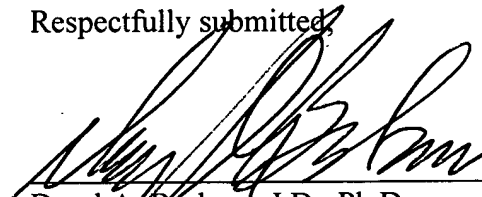
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PATENT

Attorney Docket No. MMII100-1

No fee is deemed necessary with the filing of this paper. However, if any fees are due, the Commissioner is hereby authorized to charge any fees, or credit any overpayments, to Deposit Account No. 07-1896. A copy of this Transmittal Sheet is enclosed.

Respectfully submitted,



Date: March 15, 2007

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PATENT  
Attorney Docket No.: MMI1100-1

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Applicant:	DeNise et al.	Art Unit:	1637
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Filed:	December 31, 2003	Conf. No.	4066
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Mail Stop: **Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL RESPONSE TO RESTRICTION REQUIREMENT**

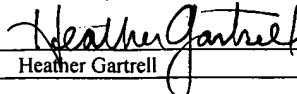
Sir:

In response to the Notice mailed February 15, 2007, Applicants elect, with traverse, SEQ ID NO: 61201 found within the group of SEQ ID Nos. 24493 to 64886.

**Remarks/Arguments** begin on page 2 of this paper.

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Heather Gartrell

March 15, 2007